

Central Region HIV/AIDS Epidemiological Profile

Fourth Quarter 2011

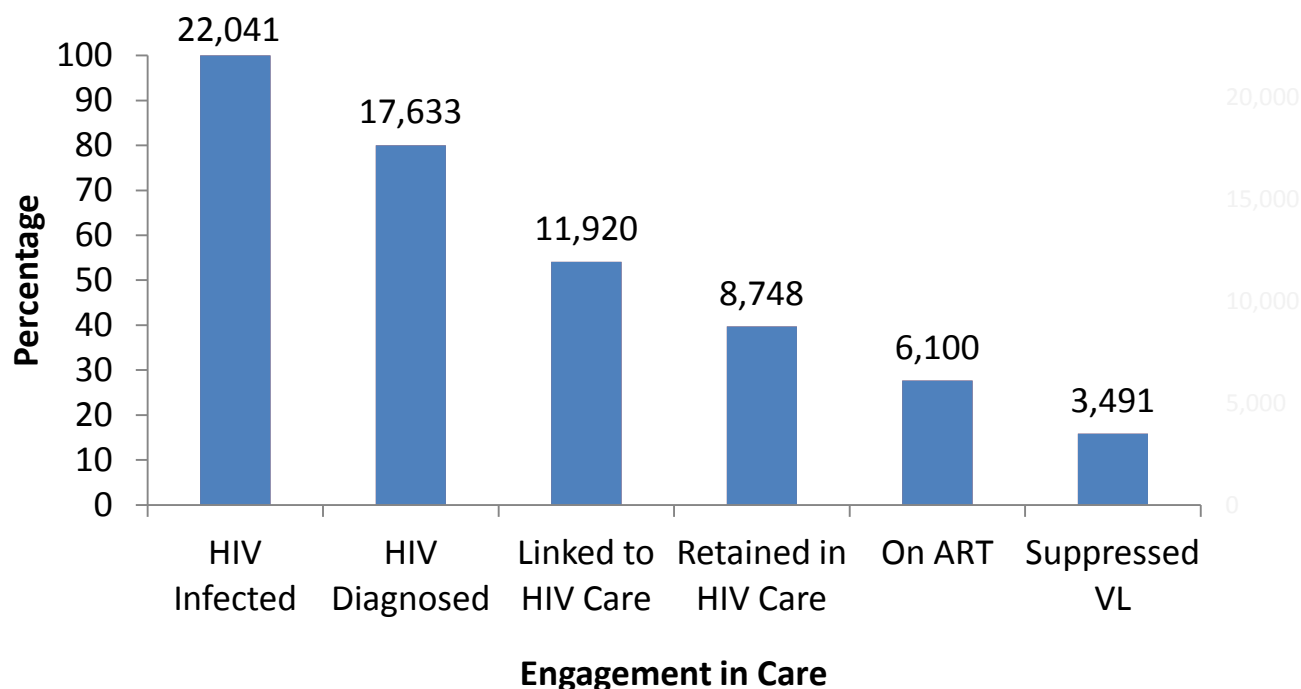
Data reported through December 31, 2011



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://ideha.dhmfh.maryland.gov/oideor/chse>
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**Estimated Number and Percentage of HIV Infected Adults
Engaged in Selected Stages of the Continuum of Care,
Central Region of Maryland, 2010**



Engagement in the Continuum of HIV Care

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. Nationally, it was estimated that among persons living with HIV in the United States, only 19% have achieved viral suppression. The Maryland Engagement in HIV Care Cascade (above) uses the national estimate of the number of undiagnosed persons (20%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care. In the Central Region, 68% of HIV diagnosed persons are linked to care. Half (50%) of HIV diagnosed persons are retained in care. Fewer still, 35% are on antiretroviral therapy, and 20% have achieved viral suppression.

Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis*. 2011; 52 (6): 793-800.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://ideha.dhmf.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 20% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. The laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2010 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2010-12/31/2010, as reported by name through 12/31/2011.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2010 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2010 as reported by name through 12/31/2011.

Laboratory Data

CD4 tests are measures of a person's immune system function. An HIV infected person is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been linked to care after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2011.

Population data by sex, age, and race are from the 2010 U.S. Census and by country-of-birth from the 2010 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

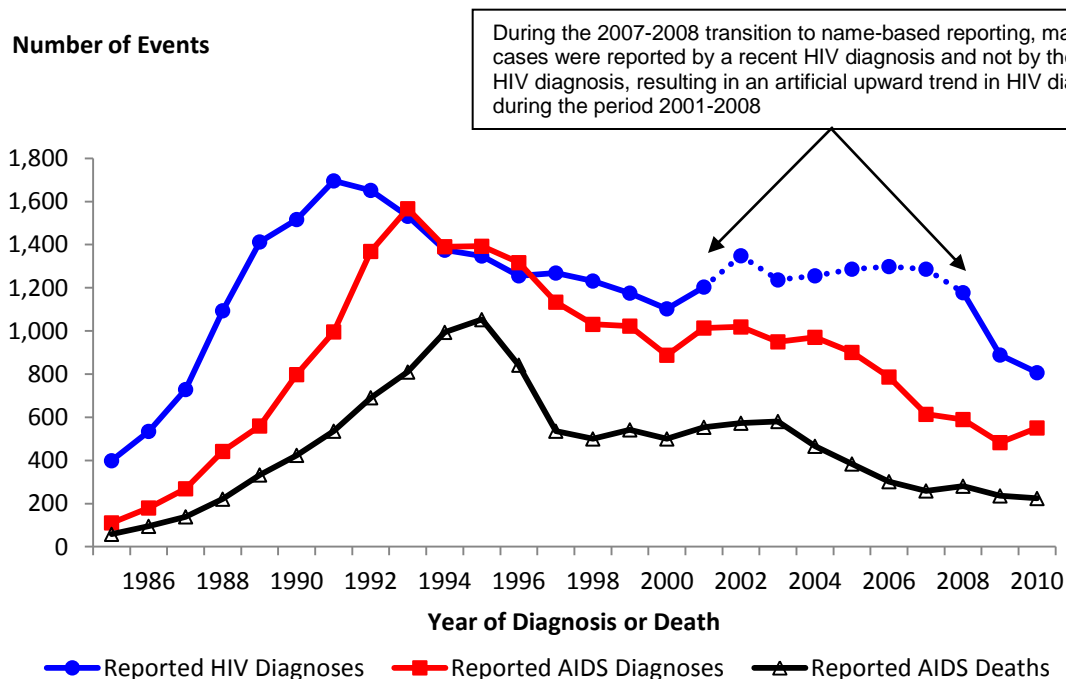
On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://ideha.dhmfh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

Section II – Trends 1985-2010

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2010

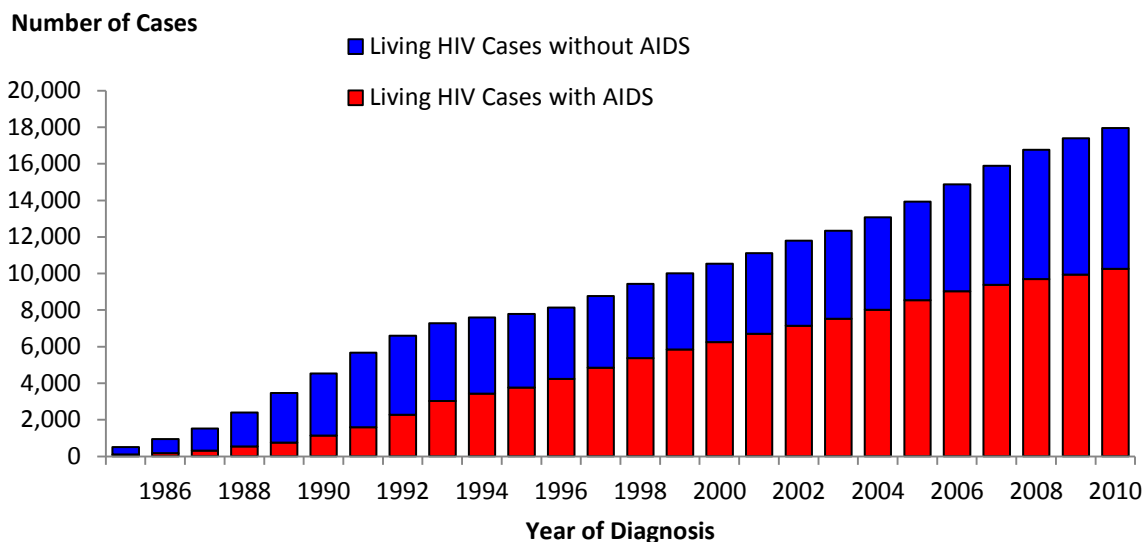
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2010 as Reported by Name through 12/31/2011.



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	189	73	34	1998	1,232	1,031	500
1985	399	111	58	1999	1,176	1,023	542
1986	535	180	95	2000	1,103	888	500
1987	729	269	139	2001	1,204	1,014	554
1988	1,094	442	221	2002	1,349	1,019	573
1989	1,413	560	333	2003	1,237	950	581
1990	1,517	798	424	2004	1,256	971	466
1991	1,696	996	536	2005	1,287	901	384
1992	1,652	1,369	691	2006	1,299	787	302
1993	1,532	1,567	810	2007	1,287	614	259
1994	1,375	1,391	994	2008	1,178	590	281
1995	1,348	1,393	1,053	2009	889	483	236
1996	1,256	1,317	842	2010	807	551	224
1997	1,269	1,134	536	TOTAL	31,308	22,422	12,168

Figure 2 – Trends in Living HIV Cases, 1985-2010

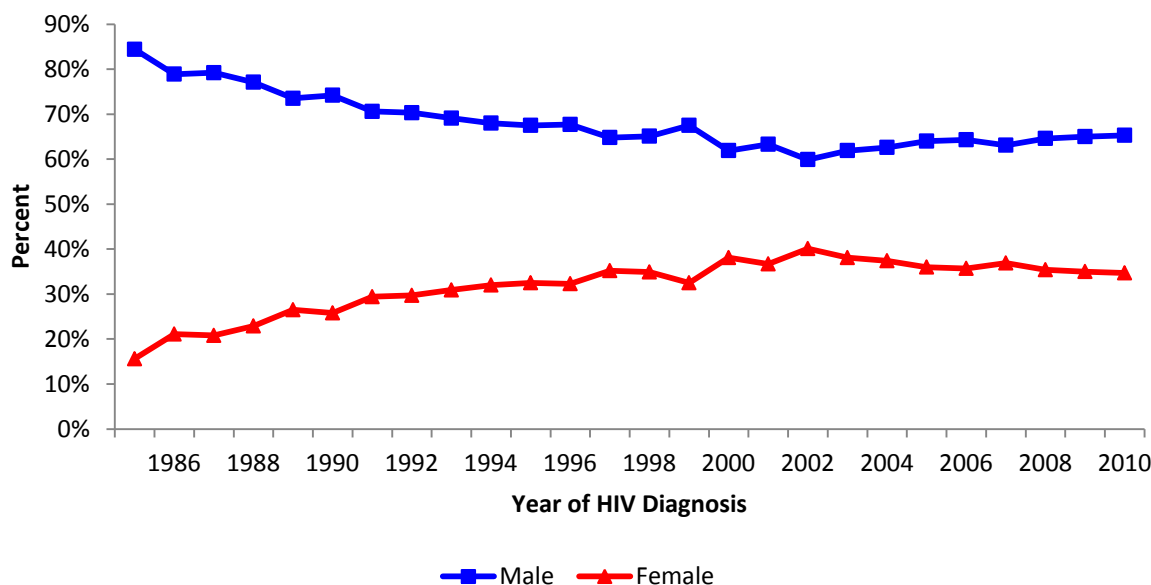
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	408	93	501	1998	4,062	5,366	9,428
1986	761	178	939	1999	4,149	5,847	9,996
1987	1,218	308	1,526	2000	4,297	6,235	10,532
1988	1,865	529	2,394	2001	4,405	6,695	11,100
1989	2,697	756	3,453	2002	4,648	7,141	11,789
1990	3,402	1,130	4,532	2003	4,828	7,510	12,338
1991	4,081	1,590	5,671	2004	5,056	8,015	13,071
1992	4,329	2,268	6,597	2005	5,391	8,532	13,923
1993	4,250	3,025	7,275	2006	5,843	9,017	14,860
1994	4,161	3,422	7,583	2007	6,506	9,372	15,878
1995	4,024	3,762	7,786	2008	7,075	9,681	16,756
1996	3,886	4,237	8,123	2009	7,466	9,928	17,394
1997	3,927	4,835	8,762	2010	7,698	10,255	17,953

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2010

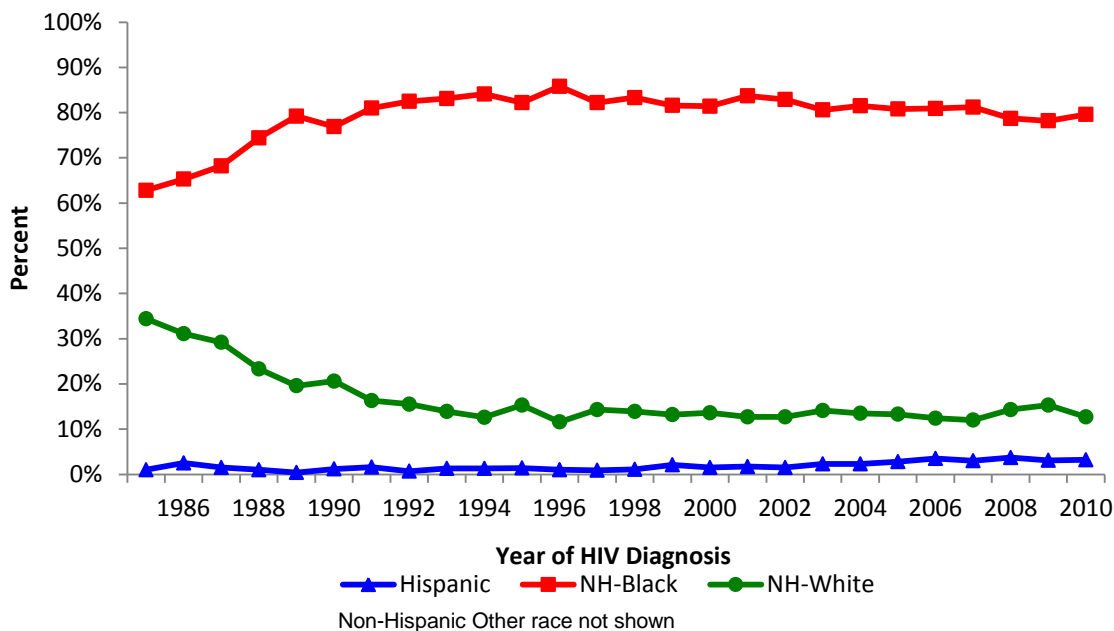
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	187	85.6%	14.4%	1998	1,216	65.1%	34.9%
1985	392	84.4%	15.6%	1999	1,161	67.5%	32.5%
1986	527	78.9%	21.1%	2000	1,094	61.9%	38.1%
1987	713	79.2%	20.8%	2001	1,195	63.3%	36.7%
1988	1,072	77.1%	22.9%	2002	1,342	59.9%	40.1%
1989	1,385	73.5%	26.5%	2003	1,235	61.9%	38.1%
1990	1,479	74.2%	25.8%	2004	1,252	62.6%	37.4%
1991	1,659	70.6%	29.4%	2005	1,286	64.0%	36.0%
1992	1,608	70.3%	29.7%	2006	1,293	64.3%	35.7%
1993	1,489	69.1%	30.9%	2007	1,252	63.1%	36.9%
1994	1,345	68.0%	32.0%	2008	1,166	64.6%	35.4%
1995	1,328	67.5%	32.5%	2009	884	65.0%	35.0%
1996	1,238	67.7%	32.3%	2010	805	65.3%	34.7%
1997	1,261	64.8%	35.2%	TOTAL	30,864	67.6%	32.4%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2010

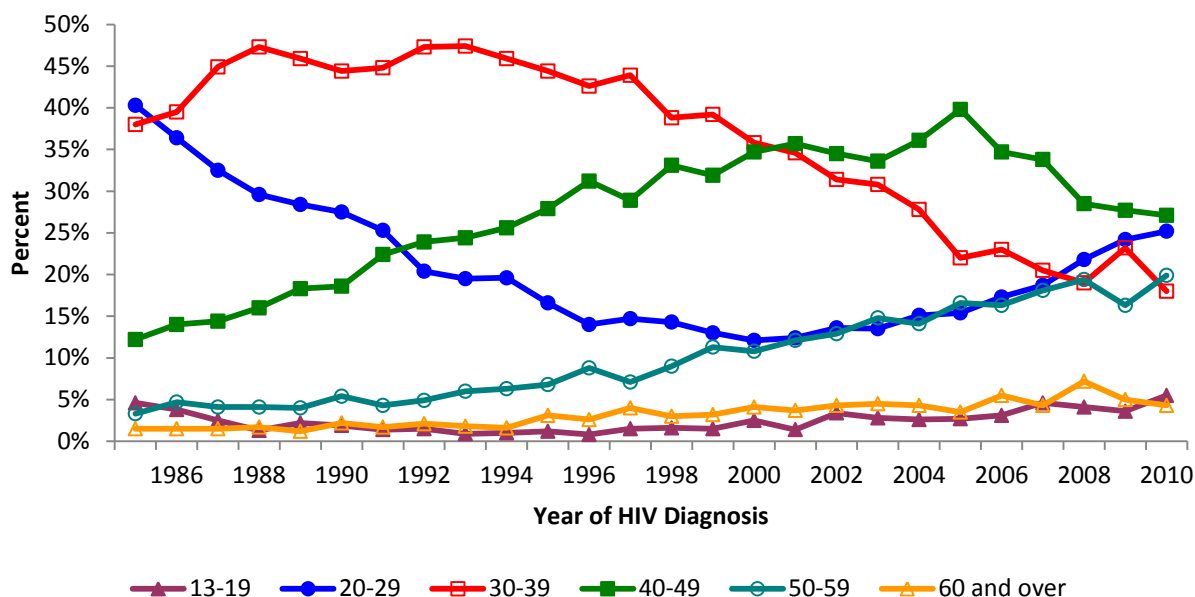
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	187	2.1%	53.5%	43.3%	1.1%
1985	392	1.0%	62.8%	34.4%	1.8%
1986	527	2.5%	65.3%	31.1%	1.1%
1987	713	1.5%	68.2%	29.2%	1.1%
1988	1,072	1.0%	74.4%	23.3%	1.2%
1989	1,385	0.4%	79.2%	19.6%	0.7%
1990	1,479	1.2%	76.9%	20.6%	1.3%
1991	1,659	1.6%	81.0%	16.3%	1.2%
1992	1,608	0.7%	82.5%	15.5%	1.3%
1993	1,489	1.3%	83.1%	13.9%	1.6%
1994	1,345	1.3%	84.1%	12.6%	2.0%
1995	1,328	1.4%	82.2%	15.3%	1.1%
1996	1,238	1.0%	85.8%	11.6%	1.7%
1997	1,261	0.9%	82.2%	14.3%	2.6%
1998	1,216	1.1%	83.3%	13.9%	1.7%
1999	1,161	2.1%	81.6%	13.2%	3.2%
2000	1,094	1.5%	81.4%	13.6%	3.6%
2001	1,195	1.7%	83.7%	12.7%	1.9%
2002	1,342	1.5%	82.9%	12.7%	2.9%
2003	1,235	2.3%	80.6%	14.1%	2.9%
2004	1,252	2.3%	81.5%	13.5%	2.6%
2005	1,286	2.8%	80.8%	13.3%	3.1%
2006	1,293	3.5%	80.9%	12.4%	3.2%
2007	1,252	3.0%	81.2%	12.0%	3.8%
2008	1,166	3.7%	78.7%	14.3%	3.3%
2009	884	3.1%	78.2%	15.3%	3.5%
2010	805	3.2%	79.6%	12.7%	4.5%
TOTAL	30,864	1.8%	80.3%	15.7%	2.2%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2010

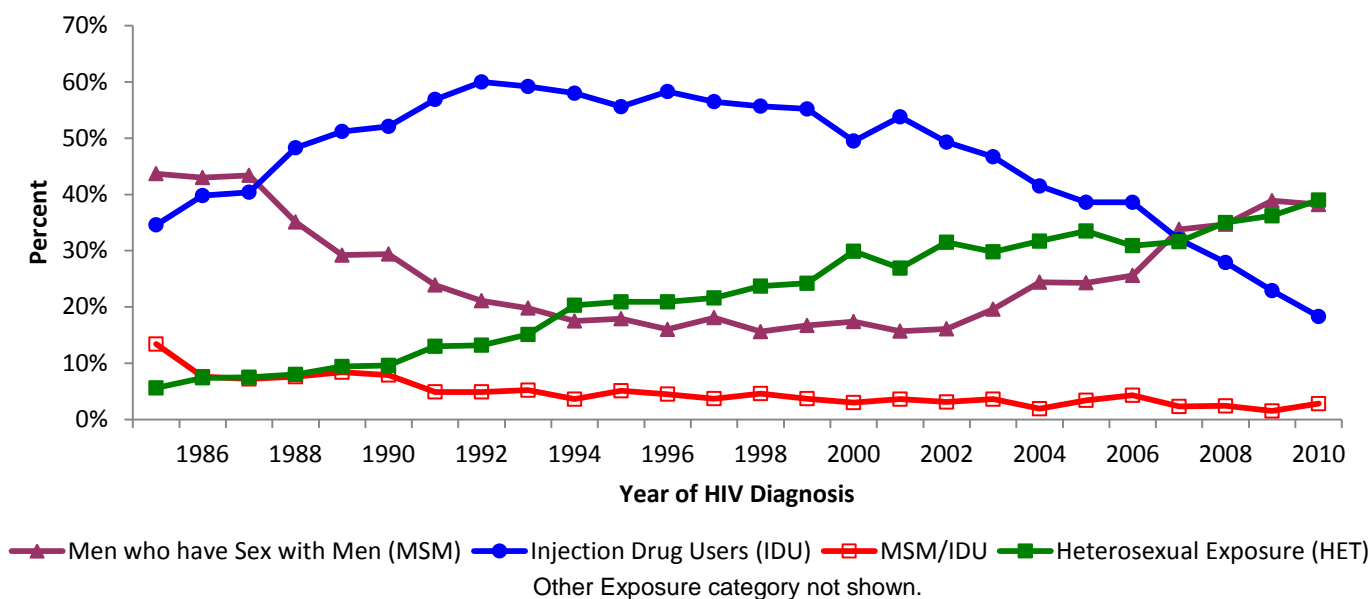
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	187	4.8%	42.2%	30.5%	15.0%	7.0%	0.5%
1985	392	4.6%	40.3%	38.0%	12.2%	3.3%	1.5%
1986	527	3.8%	36.4%	39.5%	14.0%	4.7%	1.5%
1987	713	2.5%	32.5%	44.9%	14.4%	4.1%	1.5%
1988	1,072	1.3%	29.6%	47.3%	16.0%	4.1%	1.7%
1989	1,385	2.2%	28.4%	45.9%	18.3%	4.0%	1.2%
1990	1,479	1.9%	27.5%	44.4%	18.6%	5.4%	2.2%
1991	1,659	1.4%	25.3%	44.8%	22.4%	4.3%	1.7%
1992	1,608	1.5%	20.4%	47.3%	23.9%	4.9%	2.1%
1993	1,489	0.9%	19.5%	47.4%	24.4%	6.0%	1.8%
1994	1,345	1.0%	19.6%	45.9%	25.6%	6.3%	1.6%
1995	1,328	1.2%	16.6%	44.4%	27.9%	6.8%	3.1%
1996	1,238	0.8%	14.0%	42.6%	31.2%	8.8%	2.6%
1997	1,261	1.5%	14.7%	43.9%	28.9%	7.1%	4.0%
1998	1,216	1.6%	14.3%	38.8%	33.1%	9.0%	3.0%
1999	1,161	1.5%	13.0%	39.2%	31.9%	11.3%	3.2%
2000	1,094	2.5%	12.1%	35.8%	34.7%	10.8%	4.1%
2001	1,195	1.4%	12.4%	34.6%	35.7%	12.1%	3.7%
2002	1,342	3.4%	13.6%	31.4%	34.5%	12.9%	4.3%
2003	1,235	2.8%	13.5%	30.8%	33.6%	14.8%	4.5%
2004	1,252	2.6%	15.1%	27.8%	36.1%	14.1%	4.3%
2005	1,286	2.7%	15.4%	22.0%	39.8%	16.6%	3.5%
2006	1,293	3.1%	17.3%	23.0%	34.7%	16.3%	5.5%
2007	1,252	4.6%	18.7%	20.5%	33.8%	18.1%	4.3%
2008	1,166	4.1%	21.8%	19.0%	28.5%	19.4%	7.2%
2009	884	3.6%	24.2%	23.2%	27.7%	16.3%	5.0%
2010	805	5.5%	25.2%	18.0%	27.1%	19.9%	4.3%
TOTAL	30,864	2.3%	19.9%	36.7%	28.0%	10.0%	3.2%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2010

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	187	184	56.5%	27.7%	7.1%	4.3%	4.3%
1985	392	373	43.7%	34.6%	13.4%	5.6%	2.7%
1986	527	512	43.0%	39.8%	7.6%	7.4%	2.1%
1987	713	693	43.4%	40.4%	7.2%	7.5%	1.4%
1988	1,072	1,038	35.1%	48.3%	7.6%	8.0%	1.1%
1989	1,385	1,341	29.2%	51.2%	8.4%	9.4%	1.8%
1990	1,479	1,414	29.4%	52.1%	7.9%	9.6%	0.9%
1991	1,659	1,583	23.9%	56.9%	4.9%	13.0%	1.3%
1992	1,608	1,522	21.1%	60.0%	4.9%	13.2%	0.9%
1993	1,489	1,433	19.8%	59.2%	5.2%	15.1%	0.6%
1994	1,345	1,276	17.5%	58.0%	3.6%	20.3%	0.6%
1995	1,328	1,266	17.9%	55.6%	5.1%	20.9%	0.5%
1996	1,238	1,165	16.0%	58.3%	4.5%	20.9%	0.4%
1997	1,261	1,162	18.1%	56.5%	3.7%	21.6%	0.1%
1998	1,216	1,119	15.6%	55.7%	4.6%	23.7%	0.4%
1999	1,161	1,048	16.7%	55.2%	3.7%	24.2%	0.2%
2000	1,094	975	17.4%	49.5%	3.0%	29.9%	0.1%
2001	1,195	1,054	15.7%	53.8%	3.6%	26.9%	0.1%
2002	1,342	1,138	16.1%	49.3%	3.1%	31.5%	0.1%
2003	1,235	1,064	19.6%	46.7%	3.6%	29.8%	0.3%
2004	1,252	1,034	24.4%	41.5%	1.9%	31.7%	0.5%
2005	1,286	990	24.3%	38.6%	3.4%	33.5%	0.1%
2006	1,293	902	25.6%	38.6%	4.3%	30.9%	0.6%
2007	1,252	788	33.8%	32.0%	2.3%	31.6%	0.4%
2008	1,166	698	34.7%	27.9%	2.4%	35.0%	0.0%
2009	884	398	38.9%	22.9%	1.5%	36.2%	0.5%
2010	805	251	38.2%	18.3%	2.8%	39.0%	1.6%
TOTAL	30,864	26,421	24.0%	49.5%	4.8%	21.0%	0.7%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Cases by Jurisdiction, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Jurisdiction of Residence at HIV Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
Anne Arundel	447,686	63	7.8%	14.1	54	85.7%	330	82.5%	38.1%
Baltimore City	523,467	406	50.4%	77.6	268	66.0%	334	63.5%	25.6%
Baltimore	680,268	291	36.1%	42.8	213	73.2%	354	70.8%	27.1%
Carroll	139,228	6	0.7%	4.3	3	50.0%	***	50.0%	16.7%
Harford	202,760	16	2.0%	7.9	10	62.5%	238	56.3%	31.3%
Howard	235,976	23	2.9%	9.7	16	69.6%	296	69.6%	34.8%
TOTAL	2,229,385	805	100.0%	36.1	564	70.1%	339	67.6%	27.5%

*** Data withheld due to low population and/or case counts

Table 2 – Adult/Adolescent AIDS Cases by Jurisdiction, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Jurisdiction of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Jurisdiction of Residence at AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Anne Arundel	447,686	45	8.2%	10.1	2.6	57.8%
Baltimore City	523,467	303	55.5%	57.9	4.8	34.7%
Baltimore	680,268	175	32.1%	25.7	3.5	51.4%
Carroll	139,228	1	0.2%	0.7	***	***
Harford	202,760	11	2.0%	5.4	3.9	***
Howard	235,976	11	2.0%	4.7	0.4	81.8%
TOTAL	2,229,385	546	100.0%	24.5	4.1	43.4%

*** Data withheld due to low population and/or case counts

Table 3 – Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Populatio n Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Anne Arundel	447,686	421	5.6%	94.0	623	6.2%	139.2	1,044	5.9%	233.2	428
Baltimore City	523,467	5,618	74.7%	1,073.2	7,446	73.6%	1,422.4	13,064	74.1%	2,495.7	40
Baltimore	680,268	1,098	14.6%	161.4	1,547	15.3%	227.4	2,645	15.0%	388.8	257
Carroll	139,228	59	0.8%	42.4	65	0.6%	46.7	124	0.7%	89.1	1,122
Harford	202,760	144	1.9%	71.0	215	2.1%	106.0	359	2.0%	177.1	564
Howard	235,976	181	2.4%	76.7	216	2.1%	91.5	397	2.3%	168.2	594
TOTAL	2,229,385	7,521	100.0%	337.4	10,112	100.0%	453.6	17,633	100.0%	790.9	126

Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Jurisdiction of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Jurisdiction of Counts for the most Recent CD4 Test Results, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Anne Arundel	1,044	518	49.6%	469	16.0%	18.7%	19.1%	46.1%
Baltimore City	13,064	6,396	49.0%	445	17.7%	19.3%	20.7%	42.2%
Baltimore	2,645	1,422	53.8%	456	19.1%	16.7%	20.4%	43.7%
Carroll	124	46	37.1%	459	8.7%	21.7%	26.1%	43.5%
Harford	359	181	50.4%	496	16.6%	13.3%	21.0%	49.2%
Howard	397	185	46.6%	519	14.6%	13.0%	17.8%	54.6%
TOTAL	17,633	8,748	49.6%	451	17.7%	18.6%	20.6%	43.1%

Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Jurisdiction of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Jurisdiction of the Most Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Anne Arundel	1,044	459	44.0%	48.8%	775
Baltimore City	13,064	5,414	41.4%	45.0%	2,340
Baltimore	2,645	1,281	48.4%	47.1%	1,564
Carroll	124	47	37.9%	44.7%	1,384
Harford	359	169	47.1%	62.7%	750
Howard	397	169	42.6%	61.5%	573
TOTAL	17,633	7,539	42.8%	46.3%	2,050

Section IV – Cases by Age

Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2010

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Reported HIV Diagnoses), Number and Percent by Age Group of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Age Group of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Age Group of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Age at HIV Diagnosis, as Reported by Name through 12/31/2011

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	165,188	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	268,118	2	0.2%	0.7	***	***	***	***	***
13-19	254,378	44	5.5%	17.3	29	65.9%	476	68.2%	6.8%
20-29	376,160	203	25.2%	54.0	150	73.9%	419	71.4%	15.3%
30-39	337,911	145	18.0%	42.9	108	74.5%	267	69.7%	38.6%
40-49	398,062	218	27.0%	54.8	137	62.8%	280	61.9%	27.1%
50-59	379,585	160	19.8%	42.2	114	71.3%	291	68.1%	36.3%
60+	483,289	35	4.3%	7.2	***	***	***	***	***
TOTAL	2,662,691	807	100.0%	30.3	565	70.0%	339	67.5%	27.4%

*** Data withheld due to low population and/or case counts

Table 7 – AIDS Cases by Age at Diagnosis, Diagnoses during 2010

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Age Group of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Age at AIDS Diagnosis, as Reported by Name through 12/31/2011

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	165,188	0	0.0%	0.0	--	--
5-12 (Pediatric)	268,118	0	0.0%	0.0	--	--
13-19	254,378	5	0.9%	2.0	4.4	60.0%
20-29	376,160	65	11.8%	17.3	2.2	53.8%
30-39	337,911	119	21.6%	35.2	3.3	51.3%
40-49	398,062	180	32.7%	45.2	4.8	35.6%
50-59	379,585	150	27.2%	39.5	4.9	41.3%
60+	483,289	32	5.8%	6.6	5.0	37.5%
TOTAL	2,662,691	551	100.0%	20.7	4.2	43.0%

Table 8 – HIV Cases by Current Age, Alive on 12/31/2010

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Age on 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	165,188	23	0.3%	13.9	1	0.0%	0.6	24	0.1%	14.5	6,882
5-12 (Pediatric)	268,118	43	0.6%	16.0	9	0.1%	3.4	52	0.3%	19.4	5,156
13-19	254,378	132	1.7%	51.9	64	0.6%	25.2	196	1.1%	77.1	1,297
20-29	376,160	1,025	13.3%	272.5	459	4.5%	122.0	1,484	8.3%	394.5	253
30-39	337,911	1,275	16.6%	377.3	1,184	11.5%	350.4	2,459	13.7%	727.7	137
40-49	398,062	2,395	31.1%	601.7	3,670	35.8%	922.0	6,065	33.8%	1,523.6	65
50-59	379,585	2,026	26.3%	533.7	3,590	35.0%	945.8	5,616	31.3%	1,479.5	67
60+	483,289	779	10.1%	161.2	1,278	12.5%	264.4	2,057	11.5%	425.6	234
TOTAL	2,662,691	7,698	100.0%	289.1	10,255	100.0%	385.1	17,953	100.0%	674.2	148

Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Age Group of Counts for the Most Recent CD4 Test Results, by Age on 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	64	34	53.1%	453	2.9%	26.5%	35.3%	35.3%
20-29	1,374	752	54.7%	469	13.0%	17.2%	26.7%	43.1%
30-39	2,457	1,268	51.6%	456	17.6%	17.8%	20.8%	43.8%
40-49	6,065	3,064	50.5%	435	19.7%	18.7%	19.4%	42.3%
50-59	5,616	2,790	49.7%	453	18.4%	19.0%	19.5%	43.2%
60+	2,057	840	40.8%	467	13.1%	19.2%	22.1%	45.6%
TOTAL	17,633	8,748	49.6%	451	17.7%	18.6%	20.6%	43.1%

Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Age Group of the Most Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Age on 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
13-19	64	42	65.6%	9.5%	6,135
20-29	1,374	688	50.1%	28.3%	6,776
30-39	2,457	1,106	45.0%	41.2%	3,135
40-49	6,065	2,663	43.9%	45.9%	1,730
50-59	5,616	2,362	42.1%	51.6%	961
60+	2,057	678	33.0%	58.6%	659
TOTAL	17,633	7,539	42.8%	46.3%	2,050

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Demographic of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Demographic of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Demographic of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	1,060,288	526	65.3%	49.6	369	70.2%	327	68.1%	29.3%
Female	1,169,097	279	34.7%	23.9	195	69.9%	371	66.7%	24.0%
TOTAL	2,229,385	805	100.0%	36.1	564	70.1%	339	67.6%	27.5%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	91,786	26	3.2%	28.3	21	80.8%	159	80.8%	50.0%
Non-Hispanic	2,137,599	779	96.8%	36.4	543	69.7%	343	67.1%	26.7%
American Indian/ Alaska Native, only	5,600	4	0.5%	71.4	***	***	***	***	***
Asian, only	100,460	4	0.5%	4.0	***	***	***	***	***
Black, only	623,784	641	79.6%	102.8	445	69.4%	341	65.4%	26.4%
Native Hawaiian/Other Pacific Islander, only	983	0	0.0%	0.0	--	--	--	--	--
White, only	1,369,819	102	12.7%	7.4	71	69.6%	257	75.5%	31.4%
Multiracial/Other	36,953	28	3.5%	75.8	24	85.7%	454	82.1%	14.3%
TOTAL	2,229,385	805	100.0%	36.1	564	70.1%	339	67.6%	27.5%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	1,992,208	700	87.0%	35.1	481	68.7%	341	66.1%	26.3%
Foreign-born	234,535	23	2.9%	9.8	20	87.0%	215	82.6%	56.5%
Africa	--	13	1.6%	--	12	92.3%	202	84.6%	61.5%
Asia	--	1	0.1%	--	***	***	***	***	***
Caribbean	--	3	0.4%	--	***	***	***	***	***
Central America	--	4	0.5%	--	***	***	***	***	***
Other	--	2	0.2%	--	***	***	***	***	***
Unknown	--	82	10.2%	--	63	76.8%	365	75.6%	29.3%
TOTAL	2,226,743	805	100.0%	36.2	564	70.1%	339	67.6%	27.5%

*** Data withheld due to low population and/or case counts

Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2010

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Demographic of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Male	1,060,288	342	62.6%	32.3	3.8	48.5%
Female	1,169,097	204	37.4%	17.4	4.7	34.8%
TOTAL	2,229,385	546	100.0%	24.5	4.1	43.4%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	91,786	22	4.0%	24.0	2.4	59.1%
Non-Hispanic	2,137,599	524	96.0%	24.5	4.2	42.7%
American Indian/ Alaska Native, only	5,600	1	0.2%	17.9	***	***
Asian, only	100,460	1	0.2%	1.0	***	***
Black, only	623,784	431	78.9%	69.1	4.3	41.8%
Native Hawaiian/Other Pacific Islander, only	983	0	0.0%	0.0	--	--
White, only	1,369,819	60	11.0%	4.4	2.9	56.7%
Multiracial/Other	36,953	31	5.7%	83.9	5.4	25.8%
TOTAL	2,229,385	546	100.0%	24.5	4.1	43.4%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
United States	1,992,208	498	91.2%	25.0	4.4	40.0%
Foreign-born	234,535	17	3.1%	7.2	1.1	76.5%
Africa	--	11	2.0%	--	0.9	72.7%
Asia	--	2	0.4%	--	***	***
Caribbean	--	1	0.2%	--	***	***
Central America	--	3	0.5%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	31	5.7%	--	0.9	80.6%
TOTAL	2,226,743	546	100.0%	24.5	4.1	43.4%

*** Data withheld due to low population and/or case counts

Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	1,060,288	4,693	62.4%	442.6	6,501	64.3%	613.1	11,194	63.5%	1,055.8	94
Female	1,169,097	2,828	37.6%	241.9	3,611	35.7%	308.9	6,439	36.5%	550.8	181
TOTAL	2,229,385	7,521	100.0%	337.4	10,112	100.0%	453.6	17,633	100.0%	790.9	126

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	91,786	166	2.2%	180.9	273	2.7%	297.4	439	2.5%	478.3	209
Non-Hispanic	2,137,599	7,355	97.8%	344.1	9,839	97.3%	460.3	17,194	97.5%	804.4	124
American Indian/Alaska Native, only	5,600	***	***	***	***	***	***	***	***	***	***
Asian, only	100,460	27	0.4%	26.9	15	0.2%	14.9	42	0.2%	41.8	2,391
Black, only	623,784	5,942	79.0%	952.6	8,002	81.3%	1,282.8	13,944	79.1%	2,235.4	44
Native Hawaiian/ Other Pacific Islander, only	983	***	***	***	***	***	***	***	***	***	***
White, only	1,369,819	1,227	16.3%	89.6	1,480	15.0%	108.0	2,707	15.4%	197.6	506
Multiracial/Other	36,953	141	1.9%	381.6	332	3.4%	898.4	473	2.7%	1,280.0	78
TOTAL	2,229,385	7,521	100.0%	337.4	10,112	100.0%	453.6	17,633	100.0%	790.9	126

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	1,992,208	7,275	96.7%	365.2	9,767	96.6%	490.3	17,042	96.6%	855.4	116
Foreign-born	234,535	113	1.5%	48.2	292	2.9%	124.5	405	2.3%	172.7	579
Africa	--	44	0.6%	--	143	1.4%	--	187	1.1%	--	--
Asia	--	10	0.1%	--	19	0.2%	--	29	0.2%	--	--
Caribbean	--	12	0.2%	--	32	0.3%	--	44	0.3%	--	--
Central America	--	20	0.3%	--	54	0.5%	--	74	0.4%	--	--
Other	--	27	0.4%	--	44	0.4%	--	71	0.4%	--	--
Unknown	--	133	1.8%	--	53	0.5%	--	186	1.1%	--	--
TOTAL	2,226,743	7,521	100.0%	337.8	10,112	100.0%	454.1	17,633	100.0%	791.9	126

*** Data withheld due to low population and/or case counts

Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Demographic of Counts for the Most Recent CD4 Test Results, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	11,194	5,267	47.1%	432	18.1%	19.9%	22.1%	39.9%
Female	6,439	3,481	54.1%	483	17.0%	16.7%	18.2%	48.0%
TOTAL	17,633	8,748	49.6%	451	17.7%	18.6%	20.6%	43.1%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	439	231	52.6%	440	19.0%	19.5%	19.9%	41.6%
Non-Hispanic	17,194	8,517	49.5%	451	17.6%	18.6%	20.6%	43.2%
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	42	21	50.0%	441	9.5%	9.5%	33.3%	47.6%
Black, only	13,944	6,951	49.8%	444	18.1%	18.9%	20.8%	42.2%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	2,707	1,193	44.1%	512	13.5%	15.8%	19.0%	51.7%
Multiracial/Other	473	346	73.2%	380	22.8%	23.1%	20.8%	33.2%
TOTAL	17,633	8,748	49.6%	451	17.7%	18.6%	20.6%	43.1%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	17,042	8,412	49.4%	452	17.7%	18.7%	20.4%	43.3%
Foreign-born	405	209	51.6%	462	12.9%	18.7%	25.8%	42.6%
Africa	187	111	59.4%	477	17.1%	16.2%	24.3%	42.3%
Asia	29	13	44.8%	381	15.4%	23.1%	38.5%	23.1%
Caribbean	44	21	47.7%	458	4.8%	14.3%	47.6%	33.3%
Central America	74	41	55.4%	506	9.8%	26.8%	12.2%	51.2%
Other	71	23	32.4%	494	4.3%	17.4%	30.4%	47.8%
Unknown	186	127	68.3%	408	26.0%	15.7%	26.0%	32.3%
TOTAL	17,633	8,748	49.6%	451	17.7%	18.6%	20.6%	43.1%

*** Data withheld due to low population and/or case counts

Table 15 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Demographic of the Most Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Male	11,194	4,541	40.6%	48.0%	2,000
Female	6,439	2,998	46.6%	43.8%	2,151
TOTAL	17,633	7,539	42.8%	46.3%	2,050

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Hispanic	439	188	42.8%	50.0%	697
Non-Hispanic	17,194	7,351	42.8%	46.2%	2,121
American Indian/ Alaska Native, only	***	***	***	***	***
Asian, only	42	19	45.2%	57.9%	14,972
Black, only	13,944	5,932	42.5%	44.3%	2,427
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***
White, only	2,707	1,103	40.7%	57.5%	795
Multiracial/Other	473	291	61.5%	43.3%	875
TOTAL	17,633	7,539	42.8%	46.3%	2,050

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
United States	17,042	7,233	42.4%	46.4%	2,099
Foreign-born	405	190	46.9%	57.9%	405
Africa	187	94	50.3%	64.9%	1,475
Asia	29	13	44.8%	38.5%	5,742
Caribbean	44	19	43.2%	57.9%	16,916
Central America	74	39	52.7%	59.0%	121
Other	71	25	35.2%	40.0%	283
Unknown	186	116	62.4%	23.3%	3,423
TOTAL	17,633	7,539	42.8%	46.3%	2,050

*** Data withheld due to low population and/or case counts

Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2010

Table 16 – Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010

Population Census on 4/1/2010, Number, Rate per 100,000 Population, and Ratio of Males per Case (1 case in every X males) for Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/2010, as Reported by Name through 12/31/2011

MALES						
AGE ON 12/31/2010		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	15,550	72,400	110,168	22,811	220,929
	Cases	0	32	2	1	35
	Rate	0.0	44.2	1.8	4.4	15.8
	Ratio (1 in X)	--	2,262	55,084	22,811	6,312
13-19	Population	6,920	42,828	69,590	10,228	129,566
	Cases	1	85	9	3	98
	Rate	14.5	198.5	12.9	29.3	75.6
	Ratio (1 in X)	6,920	503	7,732	3,409	1,322
20-29	Population	14,622	52,740	103,976	14,371	185,709
	Cases	32	826	99	28	985
	Rate	218.8	1,566.2	95.2	194.8	530.4
	Ratio (1 in X)	456	63	1,050	513	188
30-39	Population	12,817	44,891	90,500	14,425	162,633
	Cases	83	915	238	52	1,288
	Rate	647.6	2,038.3	263.0	360.5	792.0
	Ratio (1 in X)	154	49	380	277	126
40-49	Population	7,935	52,214	119,386	11,912	191,447
	Cases	104	2,644	750	115	3,613
	Rate	1,310.6	5,063.8	628.2	965.4	1,887.2
	Ratio (1 in X)	76	19	159	103	53
50-59	Population	4,057	44,730	123,728	8,855	181,370
	Cases	81	2,974	649	94	3,798
	Rate	1,996.5	6,648.8	524.5	1,061.5	2,094.1
	Ratio (1 in X)	50	15	190	94	47
60+	Population	2,802	43,089	155,250	8,422	209,563
	Cases	29	1,137	311	42	1,519
	Rate	1,035.0	2,638.7	200.3	498.7	724.8
	Ratio (1 in X)	96	37	499	200	138
TOTAL MALES BY RACE/ ETHNICITY	Population	64,703	352,892	772,598	91,024	1,281,217
	Cases	330	8,613	2,058	335	11,336
	Rate	510.0	2,440.7	266.4	368.0	884.8
	Ratio (1 in X)	196	41	375	271	113

Table 17 – Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010

Population Census on 4/1/2010, Number, Rate per 100,000 Population, and Ratio of Females per Case (1 case in every X females) for Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/2010, as Reported by Name through 12/31/2011

FEMALES						
AGE ON 12/31/2010		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	14,966	70,199	104,479	22,733	212,377
	Cases	0	39	1	1	41
	Rate	0.0	55.6	1.0	4.4	19.3
	Ratio (1 in X)	--	1,800	104,479	22,733	5,179
13-19	Population	6,073	42,690	66,152	9,897	124,812
	Cases	1	90	4	3	98
	Rate	16.5	210.8	6.0	30.3	78.5
	Ratio (1 in X)	6,073	474	16,538	3,299	1,273
20-29	Population	11,572	60,484	102,580	15,815	190,451
	Cases	13	422	45	19	499
	Rate	112.3	697.7	43.9	120.1	262.0
	Ratio (1 in X)	890	143	2,279	832	381
30-39	Population	10,652	55,285	92,778	16,563	175,278
	Cases	28	941	153	49	1,171
	Rate	262.9	1,702.1	164.9	295.8	668.1
	Ratio (1 in X)	380	58	606	338	149
40-49	Population	6,900	62,661	123,650	13,404	206,615
	Cases	39	2,075	254	84	2,452
	Rate	565.2	3,311.5	205.4	626.7	1,186.7
	Ratio (1 in X)	176	30	486	159	84
50-59	Population	4,003	56,294	128,077	9,841	198,215
	Cases	22	1,588	155	53	1,818
	Rate	549.6	2,820.9	121.0	538.6	917.2
	Ratio (1 in X)	182	35	826	185	109
60+	Population	3,433	65,878	194,152	10,263	273,726
	Cases	8	464	58	8	538
	Rate	233.0	704.3	29.9	77.9	196.5
	Ratio (1 in X)	429	142	3,347	1,282	508
TOTAL FEMALES BY RACE/ ETHNICITY	Population	57,599	413,491	811,868	98,516	1,381,474
	Cases	111	5,619	670	217	6,617
	Rate	192.7	1,358.9	82.5	220.3	479.0
	Ratio (1 in X)	518	73	1,211	454	208

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Men who have Sex with Men (MSM)	96	38.2%	90.6%	351	86.5%	33.3%
Injection Drug Users (IDU)	46	18.3%	87.0%	287	73.9%	39.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	2.8%	100.0%	330	100.0%	57.1%
Heterosexual Exposure (HET)	98	39.0%	82.7%	344	77.6%	36.7%
Other Exposures	4	1.6%	***	***	***	***
No Reported Exposure*	554		***	***	***	***
TOTAL	805		70.1%	339	67.6%	27.5%
With Exposure	251	100.0%	***	***	***	***

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Men who have Sex with Men (MSM)	96	60.0%	90.6%	351	86.5%	33.3%
Injection Drug Users (IDU)	29	18.1%	89.7%	249	75.9%	44.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	4.4%	100.0%	330	100.0%	57.1%
Heterosexual Exposure (HET)	25	15.6%	80.0%	334	84.0%	44.0%
Other Exposures	3	1.9%	***	***	***	***
No Reported Exposure	366		***	***	***	***
TOTAL	526		70.2%	327	68.1%	29.3%
With Exposure	160	100.0%	***	***	***	***

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Injection Drug Users (IDU)	17	18.7%	82.4%	380	70.6%	29.4%
Heterosexual Exposure (HET)	73	80.2%	83.6%	346	75.3%	34.2%
Other Exposures	1	1.1%	***	***	***	***
No Reported Exposure*	188		***	***	***	***
TOTAL	279		69.9%	371	66.7%	24.0%
With Exposure	91	100.0%	***	***	***	***

* Includes 2 cases with Presumed Female Heterosexual Exposure

*** Data withheld due to low population and/or case counts

Table 19 – Adult/Adolescent AIDS Cases by Exposure Category and Sex at Birth, Diagnoses during 2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Exposure Category of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	78	23.4%	4.5	47.4%
Injection Drug Users (IDU)	134	40.2%	7.1	14.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	3.3%	5.1	27.3%
Heterosexual Exposure (HET)	110	33.0%	4.2	32.7%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	213		2.0	66.2%
TOTAL	546		4.1	43.4%
With Exposure	333	100.0%	5.5	28.8%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	78	38.8%	4.5	47.4%
Injection Drug Users (IDU)	77	38.3%	6.4	16.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	5.5%	5.1	27.3%
Heterosexual Exposure (HET)	35	17.4%	4.3	31.4%
Other Exposures	0	0.0%	--	--
No Reported Exposure	141		1.7	72.3%
TOTAL	342		3.8	48.5%
With Exposure	201	100.0%	5.2	31.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Injection Drug Users (IDU)	57	43.2%	8.1	12.3%
Heterosexual Exposure (HET)	75	56.8%	4.2	33.3%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	72		2.5	54.2%
TOTAL	204		4.7	34.8%
With Exposure	132	100.0%	5.9	24.2%

* Includes 3 cases with Presumed Female Heterosexual Exposure

Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	1,441	29.0%	2,050	22.8%	3,491	25.0%
Injection Drug Users (IDU)	1,897	38.2%	4,015	44.7%	5,912	42.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	178	3.6%	395	4.4%	573	4.1%
Heterosexual Exposure (HET)	1,435	28.9%	2,477	27.6%	3,912	28.1%
Other Exposures	15	0.3%	41	0.5%	56	0.4%
No Reported Exposure*	2,555		1,134		3,689	
TOTAL	7,521		10,112		17,633	
With Exposure	4,966	100.0%	8,978	100.0%	13,944	100.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	1,441	45.1%	2,050	35.2%	3,491	38.7%
Injection Drug Users (IDU)	1,168	36.5%	2,462	42.3%	3,630	40.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	178	5.6%	395	6.8%	573	6.4%
Heterosexual Exposure (HET)	400	12.5%	890	15.3%	1,290	14.3%
Other Exposures	11	0.3%	23	0.4%	34	0.4%
No Reported Exposure	1,495		681		2,176	
TOTAL	4,693		6,501		11,194	
With Exposure	3,198	100.0%	5,820	100.0%	9,018	100.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Injection Drug Users (IDU)	729	41.2%	1,553	49.2%	2,282	46.3%
Heterosexual Exposure (HET)	1,035	58.5%	1,587	50.3%	2,622	53.2%
Other Exposures	4	0.2%	18	0.6%	22	0.4%
No Reported Exposure*	1,060		453		1,513	
TOTAL	2,828		3,611		6,439	
With Exposure	1,768	100.0%	3,158	100.0%	4,926	100.0%

* Includes 25 HIV cases without AIDS and 30 HIV cases with AIDS with Presumed Female Heterosexual Exposure

Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2010

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), by Exposure Category and Selected Race/Ethnicity Categories, and by Sex at Birth, Exposure Category, and Selected Race/Ethnicity Categories, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	113	34.6%	2,144	19.5%	1,116	50.9%
Injection Drug Users (IDU)	78	23.9%	5,057	46.1%	596	27.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	4.0%	453	4.1%	82	3.7%
Heterosexual Exposure (HET)	122	37.3%	3,290	30.0%	375	17.1%
Other Exposures	1	0.3%	32	0.3%	22	1.0%
No Reported Exposure*	112		2,968		516	
TOTAL	439		13,944		2,707	
With Exposure	327	100.0%	10,976	100.0%	2,191	100.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	113	45.2%	2,144	31.4%	1,116	66.9%
Injection Drug Users (IDU)	58	23.2%	3,182	46.6%	302	18.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	5.2%	453	6.6%	82	4.9%
Heterosexual Exposure (HET)	66	26.4%	1,030	15.1%	149	8.9%
Other Exposures	0	0.0%	16	0.2%	18	1.1%
No Reported Exposure	80		1,664		378	
TOTAL	330		8,489		2,045	
With Exposure	250	100.0%	6,825	100.0%	1,667	100.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Injection Drug Users (IDU)	20	26.0%	1,875	45.2%	294	56.1%
Heterosexual Exposure (HET)	56	72.7%	2,260	54.4%	226	43.1%
Other Exposures	1	1.3%	16	0.4%	4	0.8%
No Reported Exposure*	32		1,304		138	
TOTAL	109		5,455		662	
With Exposure	77	100.0%	4,151	100.0%	524	100.0%

* Includes 3 Hispanic cases, 44 non-Hispanic black cases, and 7 non-Hispanic white cases with Presumed Female Heterosexual exposure

Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Exposure Category of Counts for the Most Recent CD4 Test Results, by Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Men who have Sex with Men (MSM)	3,491	1,687	48.3%	492	12.5%	17.0%	21.5%	49.0%
Injection Drug Users (IDU)	5,912	2,971	50.3%	391	22.1%	22.0%	19.3%	36.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	573	286	49.9%	423	19.2%	19.6%	20.6%	40.6%
Heterosexual Exposure (HET)	3,912	2,178	55.7%	491	15.7%	15.6%	20.2%	48.5%
Other Exposures	56	30	53.6%	455	26.7%	16.7%	16.7%	40.0%
No Reported Exposure*	3,689	1,596	43.3%	453	17.0%	18.0%	22.6%	42.4%
TOTAL	17,633	8,748	49.6%	451	17.7%	18.6%	20.6%	43.1%
With Exposure	13,944	7,152	51.3%	450	17.8%	18.8%	20.1%	43.3%

* Includes 55 cases with Presumed Female Heterosexual exposure

Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Exposure Category of the Most Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Exposure Category, as Reported by Name through 12/31/2011

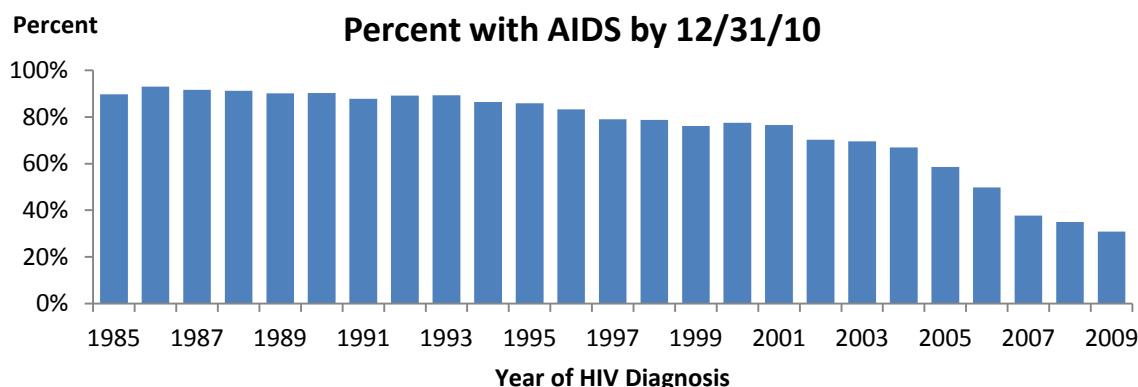
EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Men who have Sex with Men (MSM)	3,491	1,500	43.0%	54.5%	1,317
Injection Drug Users (IDU)	5,912	2,468	41.7%	43.6%	2,288
Men who have Sex with Men and Inject Drugs (MSM/IDU)	573	259	45.2%	46.7%	4,254
Heterosexual Exposure (HET)	3,912	1,891	48.3%	51.1%	1,478
Other Exposures	56	31	55.4%	45.2%	5,564
No Reported Exposure*	3,689	1,390	37.7%	35.8%	2,652
TOTAL	17,633	7,539	42.8%	46.3%	2,050
With Exposure	13,944	6,149	44.1%	48.7%	1,858

* Includes 45 cases with Presumed Female Heterosexual exposure

Section VIII – Disease Progression and Mortality

Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2009

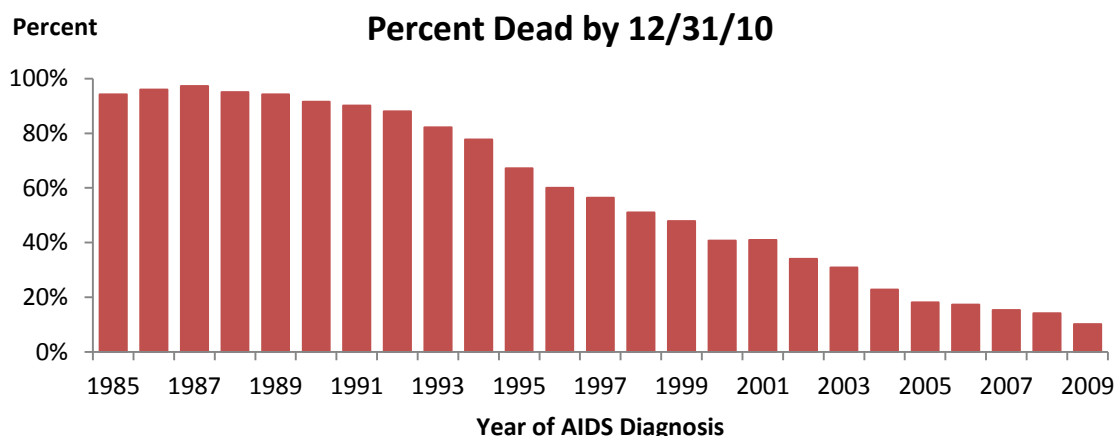
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2011, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	187	180	96.3%	6.6	38.0%	38.0%	40.1%	70.1%
1985	392	352	89.8%	6.6	26.3%	27.0%	31.6%	73.5%
1986	527	490	93.0%	5.5	34.2%	34.2%	44.4%	78.6%
1987	713	654	91.7%	4.5	35.8%	37.0%	53.3%	82.2%
1988	1,072	979	91.3%	3.5	39.6%	42.8%	64.3%	85.6%
1989	1,385	1,249	90.2%	3.3	38.8%	44.0%	67.5%	83.8%
1990	1,479	1,336	90.3%	2.7	45.2%	52.3%	74.0%	85.5%
1991	1,659	1,457	87.8%	2.5	47.0%	56.5%	73.2%	82.7%
1992	1,608	1,434	89.2%	2.2	51.8%	60.3%	76.1%	84.4%
1993	1,489	1,329	89.3%	1.9	55.7%	63.9%	77.8%	85.8%
1994	1,345	1,163	86.5%	2.0	54.1%	62.5%	74.7%	82.6%
1995	1,328	1,141	85.9%	1.9	57.9%	63.3%	73.3%	82.4%
1996	1,238	1,031	83.3%	1.7	59.6%	64.3%	71.6%	80.0%
1997	1,261	998	79.1%	1.7	55.9%	60.4%	68.7%	76.3%
1998	1,216	958	78.8%	1.5	56.7%	60.5%	69.2%	76.5%
1999	1,161	885	76.2%	1.3	57.2%	61.2%	68.5%	74.7%
2000	1,094	848	77.5%	1.3	56.0%	60.2%	69.7%	76.6%
2001	1,195	915	76.6%	1.0	59.3%	63.2%	71.2%	--
2002	1,342	944	70.3%	1.0	55.0%	58.3%	65.0%	--
2003	1,235	859	69.6%	0.9	55.1%	58.6%	64.5%	--
2004	1,252	837	66.9%	0.8	53.1%	56.9%	63.2%	--
2005	1,286	754	58.6%	0.7	47.4%	50.1%	56.4%	--
2006	1,293	644	49.8%	0.7	39.8%	42.1%	--	--
2007	1,252	472	37.7%	0.7	29.3%	32.0%	--	--
2008	1,166	407	34.9%	0.5	28.1%	31.6%	--	--
2009	884	273	30.9%	0.3	27.1%	--	--	--
TOTAL	30,059	22,589	75.1%	2.1	48.0%	52.8%	63.5%	72.1%

Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2011 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2011, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2009, as Reported by Name through 12/31/2011

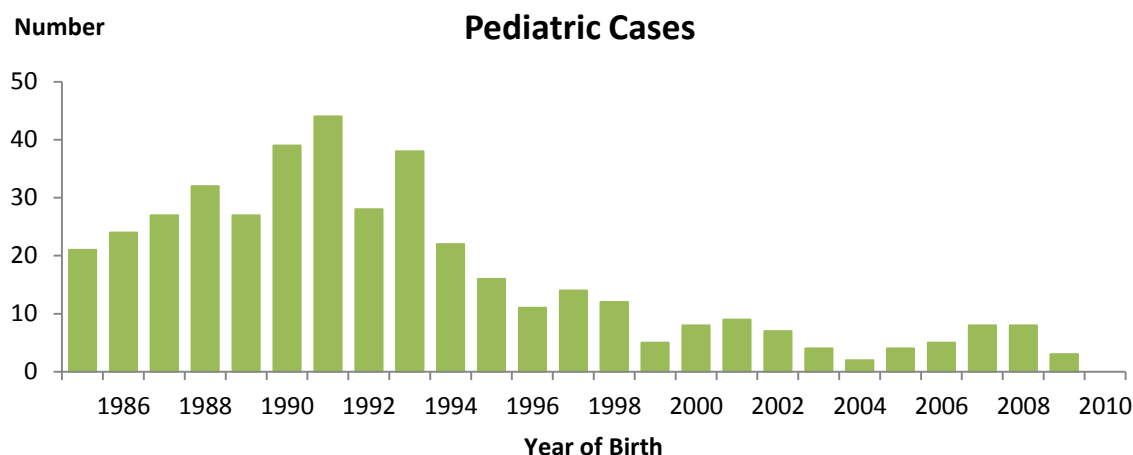


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	72	68	94.4%	2.0	52.8%	31.9%	13.9%	9.7%
1985	105	99	94.3%	1.5	42.9%	22.9%	9.5%	7.6%
1986	174	167	96.0%	2.3	52.9%	35.1%	14.9%	9.2%
1987	259	252	97.3%	1.9	61.4%	33.2%	10.4%	4.6%
1988	427	406	95.1%	2.0	58.5%	38.4%	13.6%	6.6%
1989	541	510	94.3%	2.2	60.3%	39.0%	15.5%	8.1%
1990	781	715	91.5%	2.5	65.8%	46.4%	20.9%	12.8%
1991	971	876	90.2%	2.3	67.5%	46.0%	18.4%	12.8%
1992	1,341	1,180	88.0%	2.4	70.6%	49.6%	21.7%	15.9%
1993	1,542	1,267	82.2%	3.0	77.5%	55.8%	33.5%	22.5%
1994	1,371	1,065	77.7%	3.1	77.0%	58.6%	38.7%	26.2%
1995	1,379	927	67.2%	3.3	78.5%	66.4%	49.6%	37.1%
1996	1,305	784	60.1%	3.8	82.1%	75.2%	58.7%	45.0%
1997	1,128	636	56.4%	3.8	85.5%	77.6%	61.5%	48.0%
1998	1,023	523	51.1%	3.8	87.3%	80.4%	64.9%	52.2%
1999	1,016	487	47.9%	3.5	87.3%	80.3%	65.3%	54.5%
2000	886	361	40.7%	3.0	86.3%	81.3%	68.2%	59.9%
2001	1,007	413	41.0%	2.6	86.5%	78.6%	66.0%	--
2002	1,014	346	34.1%	2.6	88.2%	82.3%	73.1%	--
2003	949	293	30.9%	1.9	84.3%	80.2%	72.6%	--
2004	969	221	22.8%	1.9	89.4%	86.1%	79.8%	--
2005	900	164	18.2%	1.6	90.7%	88.6%	82.9%	--
2006	784	136	17.3%	1.7	92.1%	89.2%	--	--
2007	609	93	15.3%	1.1	91.0%	88.5%	--	--
2008	583	83	14.2%	0.9	91.3%	88.2%	--	--
2009	481	49	10.2%	0.6	92.3%	--	--	--
TOTAL	21,617	12,121	56.1%	2.8	80.7%	69.6%	54.0%	46.3%

Section IX – Pediatric Cases

Figure 9 – Trends in Pediatric HIV Cases, 1985-2010

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR	Pediatric Reported HIV Cases				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	26	2	1	0	--
1985	21	7	5	1	9
1986	24	8	6	4	13
1987	27	16	10	5	24
1988	32	22	15	4	42
1989	27	28	19	5	65
1990	39	38	17	5	98
1991	44	37	26	8	126
1992	28	44	28	8	162
1993	38	43	25	12	193
1994	22	30	21	12	210
1995	16	20	14	12	218
1996	11	18	11	13	224
1997	14	8	6	6	226
1998	12	16	9	3	238
1999	5	15	7	4	249
2000	8	9	2	0	258
2001	9	9	8	3	263
2002	7	7	5	3	267
2003	4	2	1	2	267
2004	2	4	2	2	269
2005	4	1	1	0	270
2006	5	6	3	0	276
2007	8	35	5	4	307
2008	8	12	6	3	317
2009	3	5	2	1	321
2010	0	2	5	3	320
TOTAL	444	444	260	123	--

Table 24 – Pediatric HIV Cases by Jurisdiction, HIV Diagnosis during 2010, Alive on 12/31/2010

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) and Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/2010 (Pediatric Total Living HIV Cases) by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Anne Arundel	0	0.0%	23	7.2%
Baltimore City	0	0.0%	230	71.9%
Baltimore	1	50.0%	45	14.1%
Carroll	0	0.0%	4	1.3%
Harford	1	50.0%	13	4.1%
Howard	0	0.0%	5	1.6%
TOTAL	2	100.0%	320	100.0%

Table 25 – Pediatric HIV Cases by Demographics, HIV Diagnosis during 2010, Alive on 12/31/2010

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/2010 (Pediatric Total Living HIV Cases) by Sex at Birth and by Race/Ethnicity, as Reported by Name through 12/31/2011

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	142	44.4%
Female	178	55.6%
TOTAL	320	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	2	0.6%
Non-Hispanic	318	99.4%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	1	0.3%
Black, only	288	90.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	21	6.6%
Multiracial/Other	8	2.5%
TOTAL	320	100.0%